Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115433.D
Acq On : 9 Jul 2019 14:43
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 09 16:33:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191608	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	793616	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	392155	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	746322	20.00	ng	0.00
76) Chrysene-d12	14.22	240	496602	20.00	ng	0.00
87) Perylene-d12	15.88	264	519766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	949787	76.59	ng	0.00
7) Phenol-d6	6.53	99	1204349	76.36	ng	0.00
23) Nitrobenzene-d5	7.46	82	1092600	81.34	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	353522	81.53	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1822032	81.53	ng	0.00
79) Terphenyl-d14	13.04	244	2054993	84.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	228303	37.531	ng	100
3) Pyridine	3.47	79	633021	37.634	ng	100
4) n-Nitrosodimethylamine	3.42	42	240145	35.207	ng	100
6) Aniline	6.56	93	838834	37.688	ng	100
8) 2-Chlorophenol	6.69	128	542106	38.713	ng	100
9) Benzaldehyde	6.45	77	408667	45.931	ng	100
10) Phenol	6.54	94	710681	37.660	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	529299	37.808	ng	100
12) 1,3-Dichlorobenzene	6.84	146	591249	38.538	ng	100
13) 1,4-Dichlorobenzene	6.92	146	589092	38.334	ng	100
14) 1,2-Dichlorobenzene	7.07	146	552242	38.814	ng	100
15) Benzyl Alcohol	7.03	79	479622	37.896	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	725775	37.077	ng	100
17) 2-Methylphenol	7.15	107	451312	37.620	ng	100
18) Hexachloroethane	7.42	117	222169	38.809	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	386902	36.259	ng	100
20) 3+4-Methylphenols	7.30	107	541442	38.208	ng	100
22) Acetophenone	7.30	105	711299	37.404	ng	100
24) Nitrobenzene	7.48	77	599113	39.494	ng	100
25) Isophorone	7.72	82	1063265	36.520	ng	100
26) 2-Nitrophenol	7.79	139	298498	47.862	ng	100
27) 2,4-Dimethylphenol	7.83	122	427786	35.972	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	673785	37.530	ng	100
29) 2,4-Dichlorophenol	8.03	162	460209	38.854	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	514812	39.041	ng	100
31) Naphthalene	8.20	128	1514849	38.429	ng	100
32) Benzoic acid	7.92	122	135071	19.670	ng	100
33) 4-Chloroaniline	8.25	127	675428	38.403	ng	100
34) Hexachlorobutadiene	8.32	225	297107	39.731	ng	100
35) Caprolactam	8.62	113	141915	36.787	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	481145	38.403	ng	100
37) 2-Methylnaphthalene	8.89	142	995780	37.794	ng	100
38) 1-Methylnaphthalene	8.99	142	964517	38.367	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	455764	40.398	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	256575	39.239	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	327727	39.901	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	350554	41.161	ng	100
46) 1,1'-Biphenyl	9.36	154	1201534	38.974	ng	100
47) 2-Chloronaphthalene	9.38	162	1006467	39.501	ng	100
48) 2-Nitroaniline	9.47	65	318807	42.587	ng	100
49) Acenaphthylene	9.80	152	1490016	38.624	ng	100
50) Dimethylphthalate	9.66	163	1135973	38.594	ng	100
51) 2,6-Dinitrotoluene	9.71	165	262792	41.167	ng	100
52) Acenaphthene	9.97	154	937355	38.608	ng	100
53) 3-Nitroaniline	9.88	138	306035	41.277	ng	100
54) 2,4-Dinitrophenol	9.98	184	97189	40.691	ng	100
55) Dibenzofuran	10.14	168	1327283	38.809	ng	100
56) 4-Nitrophenol	10.03	139	240048	41.848	ng	100
57) 2,4-Dinitrotoluene	10.12	165	354509	43.698	ng	100
58) Fluorene	10.48	166	968980	35.941	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	292737	39.789	ng	100
60) Diethylphthalate	10.35	149	1104963	38.139	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	504946	38.373	ng	100
62) 4-Nitroaniline	10.50	138	300307	41.265	ng	100
63) Azobenzene	10.63	77	1106044	37.035	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	156010	44.366	ng	100
66) n-Nitrosodiphenylamine	10.59	169	914879	38.906	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	331160	39.545	ng	100
68) Hexachlorobenzene	11.03	284	371275	39.510	ng	100
69) Atrazine	11.12	200	293060	40.270	ng	100
70) Pentachlorophenol	11.22	266	230210	40.199	ng	100
71) Phenanthrene	11.45	178	1522113	38.779	ng	100
72) Anthracene	11.49	178	1526967	38.795	ng	100
73) Carbazole	11.65	167	1390715	38.622	ng	100
74) Di-n-butylphthalate	11.98	149	1689132	38.815	ng	100
75) Fluoranthene	12.64	202	1609847	38.953	ng	100
77) Benzidine	12.76	184	704257	36.366	ng	100
78) Pyrene	12.89	202	1613489	41.781	ng	100
80) Butylbenzylphthalate	13.56	149	725673	43.008	ng	100
81) Benzo(a)anthracene	14.20	228	1376681	43.266	ng	100
82) 3,3'-Dichlorobenzidine	14.16	252	502979	43.564	ng	100
83) Chrysene	14.24	228	1389635	42.505	ng	100
84) Bis(2-ethylhexyl)phthalate	14.20	149	873163	41.787	ng	100
85) Di-n-octyl phthalate	14.96	149	1581315	42.510	ng	100
86) Indeno(1,2,3-cd)pyrene	17.40	276	1175841	43.749	ng	100
88) Benzo(b)fluoranthene	15.43	252	1307507	38.636	ng	100
89) Benzo(k)fluoranthene	15.47	252	1163555	38.661	ng	100
90) Benzo(a)pyrene	15.82	252	1126988	38.611	ng	100
91) Dibenzo(a,h)anthracene	17.43	278	975092	39.094	ng	100
92) Benzo(g,h,i)perylene	17.86	276	912814	38.665	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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